

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"10519548"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:01
S2	1	"10519548".rlan. or ("10".src. and "519548".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/05/19 11:01
S3	98	429/2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:02
S4	68	S3 and (fuel adj cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:02
S5	2	"62256382"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:06
S6	12	"981803"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:07
S7	74	(bio near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:13
S8	140	(bio\$5 near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:13
S9	85	S8 and ((organic or bio or biological) near2 (fuel or waste))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:14
S10	0	S9 and ((separator or partition or wall) with ((plastic or glass) near2 fiber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:15
S11	26	S9 and (separator or partition or wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:16
S13	201	((bio\$5 or biological) near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:18

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S14	140	S13 and ((organic or bio or biological) near2 (fuel or waste))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:19
S15	19	S14 and (separator or partition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:19
S16	32	S13 and (separator or partition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:19
S17	268	(((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/21 13:11
S18	14	S17 and (bipolar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/21 13:12
S19	12	"981803"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 13:06
S20	1	"0981803"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 13:07
S21	275	(((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:21
S22	167	S21 and (separator or partition or membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:21
S23	2	S22 and (fiberglass or (fiber near2 glass))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:34
S24	7	S21 and ((separator or partition or membrane) with (non\$1woven or nonwoven or (non near2 woven)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:36
S25	2	"4,294,891".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:39

## EAST Search History

S26	2	S21 and ((separator or partition or membrane) with ((glass or plastic) near3 fiber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:40
S27	278	((((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:45
S28	334	((((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:45
S29	226	S28 and (separator or diaphragm or partition or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:46
S30	5	S29 and (fiberglass or (fiber near2 glass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:46
S31	11	S29 and ((separator or diaphragm or partition or membrane) with (non\$1woven or nonwoven or (non near2 woven)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:47
S32	2	S29 and ((separator or partition or membrane) with ((glass or plastic) near3 fiber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:48
S33	2	S29 and ((separator or diaphragm or partition or membrane) with ((glass or plastic) near3 fiber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:48
S34	417	(((((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 15:20
S35	248	S34 and (separator or diaphragm or partition or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 15:20

## EAST Search History

S36	47050	((fuel adj cell) and (separator or diaphragm or partition or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 16:20
S37	6	S36 and ((sintered near2 glass) same (fiberglass or (glass near2 fiber) or (fiber near2 glass) or (glass near2 mat) or AGM))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 16:22
S38	417	(((((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:22
S39	2	S38 and (humic near2 acid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:22
S40	108	S38 and (electron near2 (transfer\$3 or mediator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:56
S41	8	S40 and anthraquinone\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:56
S42	1	S38 and anthraquinone\$1disulfonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:58
S43	26	S38 and (soil or (ground near2 water))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:58
S44	119	429/2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:01
S45	37	S44 and (electron near2 (transfer\$3 or mediator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:02

## EAST Search History

S46	1480	"429"/\$.ccls. and (electron near2 (transfer\$3 or mediator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:03
S47	0	S46 and ((transfer or mediator) with (humic or anthraquinone\$1disulfonic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:04
S48	3	S46 and ((transfer or mediator) with (humic or (anthraquinone near2 disulfonic)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:04
S49	5	S46 and (anthraquinone\$1 near2 disulfonic near2 acid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:05
S50	417	(((((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:16
S51	1	S50 and ((storage with battery) and ((air or oxygen) with pump))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:16
S52	317	((((fuel adj cell) near2 system) and ((storage with battery) and ((air or oxygen) with pump)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:17
S53	457	(((((bio or biological or biochemical) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:43
S54	57	S53 and (catalyst with ((precious adj metal) or platinum or gold or silver or palladium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:44
S55	5	"5,660,940"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:49

## EAST Search History

S56	75	S53 and (catalyst with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:06
S57	47069	((fuel adj cell) and (separator or diaphragm or partition or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:25
S58	291	S57 and (PUR! or (polyurethane near2 foam))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:25
S59	13	S58 and ((PUR! or (polyurethane near2 foam)) same (fiberglass or (sintered near2 glass) or (glass near2 fiber)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:27
S60	22	((fuel adj cell) and ((PUR! or (polyurethane adj foam)) with (separator barrier membrane)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:35
S61	3703	"429"/\$.ccls. and (AGM glassmat (glass near3 fibre) (glass near3 fiber) fiberglass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:05
S62	870	S61 and (fuel adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:05
S63	98	S62 and ((separator partition) with (AGM glassmat (glass near3 fibre) (glass near3 fiber) fiberglass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:05
S64	12	S63 and (PUR! or polyurethane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:06
S65	5	((JAN) near2 (GERRITSE)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/04 11:18
S66	2	((MACHIEL) near2 (SAAKES)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/04 11:19

## EAST Search History

S67	2	((ALFONS) near2 (STAMS)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/04 11:19
S68	5	"4126934".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/09 13:23
S69	3	"0104061"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/09 13:26
S70	180	(bio\$5 near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/21 08:38
S71	172	((bio or biological) near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/21 08:38
S72	132	429/2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/21 08:38
S73	1501	"429"/\$.ccls. and ((bio biological waste) with (fuel adj cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/21 08:39